

**Q.P. Code: 301001**

**Reg. no.: .....**

**Third Professional MBBS (Part I) Degree Supplementary Examinations  
August 2022**

**Ophthalmology**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw diagrams wherever necessary

**Essay: (10)**

1. A 70 year old male, diabetic and hypertensive, came with painless progressive diminution of vision in both eyes since about six months. His vision is counting fingers close to face in both eyes, not improving further with any glasses. There is a white reflex in the pupil in both the eyes and the fundus cannot be visualized.

- What is the most probable diagnosis
- What are the investigations you need to perform before operating on him
- What are the types of surgeries which can be planned for him
- Discuss the possible early post-operative complications of the surgery

(1+3+3+3)

**Short notes: (4x3=12)**

2. Visual acuity testing.
3. Management of corneal ulcer
4. Complications and sequelae of iridocyclitis
5. Staging and management of trachoma

**Draw & Label: (2x2=4)**

6. Image formation in a myopic eye and after correction with concave lens
7. Normal fundus picture

**Answer briefly: (5x2=10)**

8. Discuss ocular chemical injuries
9. Adverse effects of steroid eye drops
10. Causes of sudden loss of vision in one or both eyes
11. Causes of sub conjunctival hemorrhage
12. Clinical features and management of vitamin A deficiency

**Give precise answers: (4x1=4)**

13. Enumerate two differential diagnoses for chalazion
14. Mention two causes of deep anterior chamber
15. Enumerate two causes for unocular diplopia
16. Mention two causes of bilateral proptosis

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